

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1294996

Luminaire Tested: P3AS09R65W2N902765DE010 E3DLP1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1294996
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R65W2N902765DE010 E3DLP1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 2700K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

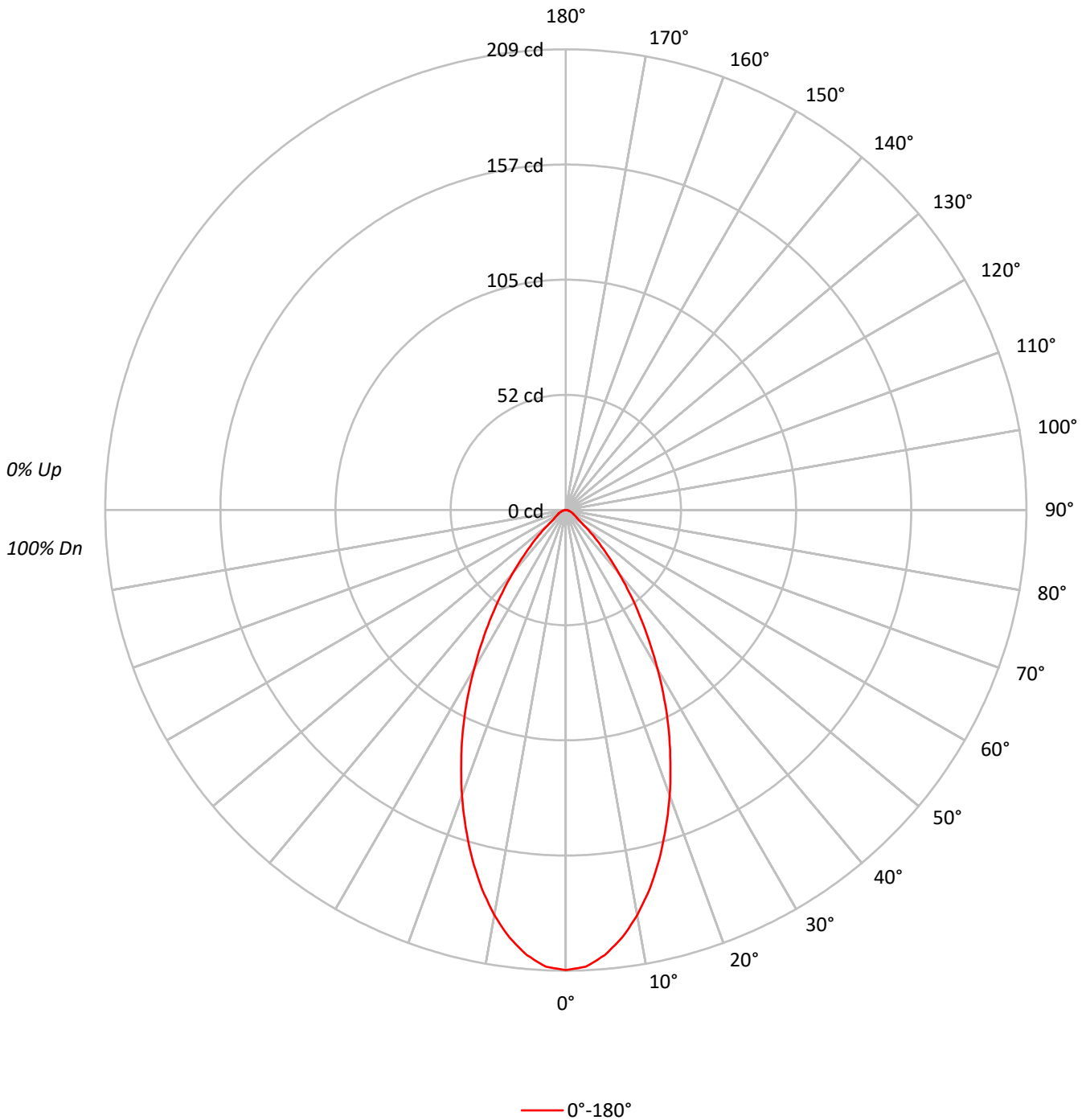
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 180.0 lumens
Efficiency: N/A
Efficacy: 20.0 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1294996
CATALOG NUMBER: P3AS09R65W2N902765DE010 E3DLP1GPH_2700K

Luminous Intensity Polar Plot





TEST NUMBER: P1294996
 CATALOG NUMBER: P3AS09R65W2N902765DE010 E3DLP1GPH_2700K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92			
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	90	88	86	85			
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78			
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72			
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66			
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62			
7	81	71	65	60	79	70	64	60	69	63	60	68	63	59	67	62	59	57			
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	54			
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	55	52	50			
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	45764
5°	44618
10°	41549
15°	37231
20°	32156
25°	26760
30°	21092
35°	15633
40°	10763
45°	6667
50°	3616
55°	2294
60°	1930
65°	1764
70°	1475
75°	1356
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6667 cd/sqm



TEST NUMBER: P1294996

CATALOG NUMBER: P3AS09R65W2N902765DE010 E3DLP1GPH_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.8	10.5
10°-20°	45.6	25.3
20°-30°	50.4	28.0
30°-40°	36.6	20.3
40°-50°	17.1	9.5
50°-60°	5.8	3.2
60°-70°	3.3	1.9
70°-80°	1.8	1.0
80°-90°	0.6	0.3
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	114.8	63.8
0°-40°	151.4	84.1
0°-60°	174.4	96.8
0°-90°	180.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	180.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	209	
5°	203	19
15°	164	46
25°	111	50
35°	58	37
45°	22	17
55°	6	6
65°	3	3
75°	2	2
85°	0	1
90°	0	



TEST NUMBER: P1294996
CATALOG NUMBER: P3AS09R65W2N902765DE010 E3DLP1GPH_2700K

CANDELA DISTRIBUTION (FULL):

	0°
0°	208.7
2.5°	207.4
5°	202.7
7.5°	195.7
10°	186.6
12.5°	176.0
15°	164.0
17.5°	151.0
20°	137.8
22.5°	124.0
25°	110.6
27.5°	96.8
30°	83.3
32.5°	70.3
35°	58.4
37.5°	47.5
40°	37.6
42.5°	28.8
45°	21.5
47.5°	15.6
50°	10.6
52.5°	7.3
55°	6.0
57.5°	5.2
60°	4.4
62.5°	3.9
65°	3.4
67.5°	2.9
70°	2.3
72.5°	2.1
75°	1.6
77.5°	1.3
80°	1.0
82.5°	0.8
85°	0.5
87.5°	0.3
90°	0.0

(END OF REPORT)